

JP05056782A

MicroPatent Report

GENE MANIFESTATION CONTROLLING DNA

[71] Applicant: KYOWA HAKKO KOGYO
CO LTD

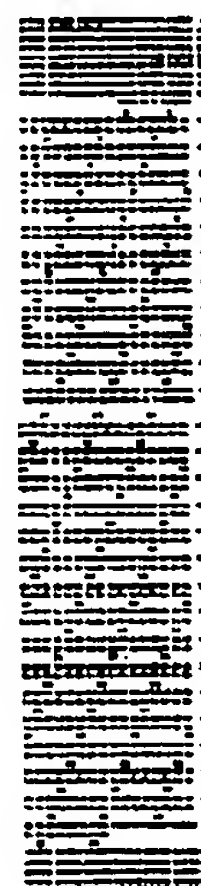
[72] Inventors: KATSUMATA RYOICHI;
TAKANO YUTAKA

[21] Application No.: JP03221885

[22] Filed: 19910902

[43] Published: 19930309

[Go to Fulltext](#)



[57] Abstract:

PURPOSE: To provide a new DNA having an action to control the manifestation of structural gene. CONSTITUTION: A DNA originated from isocitrate lyase (ICL) gene of coryneform group of bacteria. It is integrated into a vector DNA together with a structural gene coding a protein and has an action to control the manifestation of the structural gene when introduced into a host coryneform group of bacteria. For example, a DNA included in the base sequence from the 1st to the 102nd bases of the base sequence of formula. It can be produced by extracting chromosome DNA from a coryneform group bacteria capable of producing glutamic acid, integrating the DNA into a plasmid, etc., transforming a microorganism with the recombinant DNA and separating the clone holding the recombinant DNA containing the objective DNA fragment. COPYRIGHT: (C)1993,JPO&Japio

[51] Int'l Class: C12N01511 C12N00121 C12N00910 C12N00938
C12N00988 C12N01517 C12N01520 C12N01527 C12N01554 C12N01556
C12N01558 C12N01560 C12N01567 C12N01577 C12P02102 C12N00121
C12R00115 C12N00121 C12R00113 C12N00121 C12R00101 C12N00910
C12R00115 C12N00910 C12R00113 C12N00910 C12R00101 C12N00938
C12R00115 C12N00938 C12R00113 C12N00938 C12R00101 C12N00988
C12R00115 C12N00988 C12R00113 C12N00988 C12R00101 C12P02102
C12R00115 C12P02102 C12R00113 C12P02102 C12R00101